

ABSTRACT OF DISCLOSURE

In a power transmission apparatus for use in an automobile, including a gear-type transmission and plural numbers of motors, the gear-type transmission 100 comprises: a first input shaft 23, onto which the motive power is transmitted from an engine 1 through a first friction clutch 25; a second input shaft 24, onto which the motive power is transmitted from an engine 1 through a second friction clutch 26; and plural numbers of gear trains between the first input shaft 23 and an output shaft 27, and between the second input shaft 24 and the output shaft 27. Onto the first input shaft 23 and the second input shaft 24 are connected a first motor 29 and a second motor 30, so that the motive power is transmitted from the above two (2) motors through the plural numbers of gear trains up to the output shaft 27. Therefore, it is possible to make the maximum torque of the motors small, which is required when changing claw clutches provided on the gear trains.

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